

Patent Abstracts of Japan

PUBLICATION NUMBER : 04010925
PUBLICATION DATE : 16-01-92

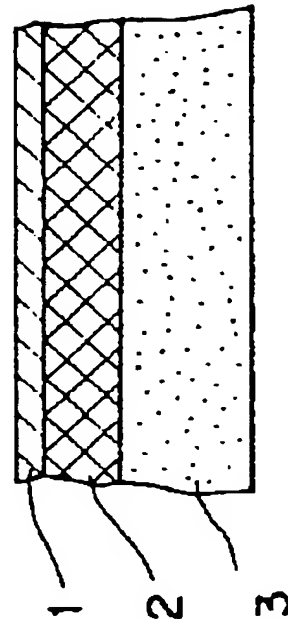
APPLICATION DATE : 27-04-90
APPLICATION NUMBER : 02112300

APPLICANT : DAIKYO INC;

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INT.CL. : B32B 7/02 B32B 7/02 B32B 33/00

TITLE : LAMINATED MOLDING OF
THERMOSETTING RESIN



ABSTRACT : PURPOSE: To enhance a quality feeling and to carry out molding using only a protruding mold by constituting a resin compound layer on the rear side of a gel coat layer and an FRP layer.

CONSTITUTION: A colored gel coat layer 1, a fiber reinforced plastic layer 2 and a resin compound layer 3 being a resin layer containing 60wt.% or more of a filler and having Young's modulus of 500kg/mm² or less and the coefficient of linear expansion of 2.0×10^{-5} or less are formed in this order on the surface side of a product.

The surface gel coat layer 1 is formed as a transparent resin layer or a lightly colored transparent resin layer and the fiber reinforced plastic layer 2 is formed by impregnating a glass fiber with an unsaturated polyester resin. The resin compound layer 3 is constituted as a considerably thick layer by adding a filler to a transparent resin for the purpose of imparting strength and prepared as a transparent layer, an opaque layer or a translucent layer slightly transmitting light. A bathtub composed of this laminated molded body generates a deep sound if struck without being deformed and can be simply prepared only by a protruding mold at the time of molding.

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